

TABLE OF CONTENTS

DRAFT MITIGATED NEGATIVE DECLARATION FOR PACIFIC GAS AND ELECTRIC COMPANY'S POTRERO TO HUNTERS POINT 115 kV CABLE PROJECT (A.03-12-039)

	<u>Page</u>
EXECUTIVE SUMMARY	ES-1
1. PROJECT DESCRIPTION	1-1
1.1 Introduction	1-1
1.2 Purpose and Need	1-1
1.3 Project Components	1-5
1.4 Existing System	1-7
1.5 Project Location	1-14
1.6 PG&E's Proposed Cable Line	1-14
1.7 Right-of-Way Requirements	1-15
1.8 Construction	1-15
1.9 Operation and Maintenance	1-21
1.10 Required Approvals	1-21
1.11 Potential Impacts and Proposed Mitigation Measures	1-23
2. ENVIRONMENTAL CHECKLIST AND DISCUSSION	2-1
2.1 Aesthetics	2.1-1
2.2 Agricultural Resources	2.2-1
2.3 Air Quality	2.3-1
2.4 Biological Resources	2.4-1
2.5 Cultural Resources	2.5-1
2.6 Geology, Soils, and Seismicity	2.6-1
2.7 Hazards and Hazardous Materials	2.7-1
2.8 Hydrology and Water Quality	2.8-1
2.9 Land Use, Plans, and Policies	2.9-1
2.10 Mineral Resources	2.10-1
2.11 Noise	2.11-1
2.12 Population and Housing	2.12-1
2.13 Public Services	2.13-1
2.14 Recreation	2.14-1
2.15 Transportation / Traffic	2.15-1
2.16 Utilities and Services	2.16-1
2.17 Mandatory Findings of Significance	2.17-1

	<u>Page</u>
3. REPORT PREPARERS; PUBLIC AGENCY OUTREACH MEETINGS; AND ORGANIZATIONS AND PERSONS CONSULTED	
3.1 Report Preparers.....	3-1
3.2 Public Agency Outreach Meetings.....	3-2
3.3 Organizations and Persons Consulted.....	3-2

LIST OF FIGURES

1-1 Project Overview Map	1-2
1-2 Typical Duct Bank Schematic	1-6
1-3 Typical Cable Termination Structure.....	1-8
1-4 Typical Transition Structure	1-9
1-5 Typical Breaker Structure – Plan and Elevation.....	1-10
1-6 Typical Coupling Capacitive Voltage Transformer (CCVT) Structure.....	1-11
1-7 Typical Breaker Connection Structure – Elevation	1-12
1-8 Representative Control Building Photographs.....	1-13
2.1-1 Photo Documentation of Project Area	2.1-3, -4, -5, -7
2.1-2 Visual Simulation of Potrero Switchyard	2.1-12, -13
2.7-1 Hazardous Material Sites	2.7-12
2.11-1 Effects of Noise on People.....	2.11-3

LIST OF TABLES

1-1 Equipment Typically Used During Construction.....	1-18
1-2 Summary of Impacts and Mitigation Measures for PG&E's Potrero to Hunters Point 115 kV Cable Project.....	1-27
2.3-1 Bay Area Air Quality Management District Attainment Status	2.3-3
2.3-2 Air Pollutant Summary for the Proposed Project Area, 1999–2003	2.3-4
2.3-3 Arkansas Street Station Toxic Air Pollutant Measurements.....	2.3-5
2.3-4 Construction Emissions Estimates for 115 kV Cable Line.....	2.3-10
2.3-5 Construction Emission Estimates for Switchyard Construction	2.3-11
2.3-6 Operations Emissions Estimates.....	2.3-13
2.4-1 Sensitive Wildlife Species with Potential to Occur in the Project Area	2.4-3
2.4-2 Sensitive Plant Species with Potential to Occur in the Project Area	2.4-4
2.5-1 Relevant Recorded Cultural Resources in Project Area	2.5-5
2.6-1 Faults in the Project Vicinity	2.6-5
2.7-1 Regulatory Agency Databases Accessed for EDR Database Review.....	2.7-5
2.7-2 Hazardous Materials Release Sites Identified along the Project Route	2.7-6
2.11-1 Noise Measurements along Proposed Project Route	2.11-5
2.11-2 Construction Equipment Noise Levels and Abatement Potential.....	2.11-8
2.12-1 San Francisco Population and Households, 2000–2030	2.12-1
2.16-1 Local Utility and Service Providers	2.16-2
2.17-1 Planned and Proposed Projects Local Construction Projects within 1/2 Mile of the Project Area	2.17-7
2.17-2 Planned and Proposed Generation and Transmission Projects in the San Francisco Area	2.17-10
3-1 Organizations or Persons Consulted	3-2